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## BIOGRAPHICAL SKETCH

**NAME: Bice Conti**

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**POSITION TITLE: Full professor**

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### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of Pavia	MSc Medicinal Chemistry and Pharmaceutical Technology	07/1981	Pharmaceutical Sciences
University of Pavia	Post graduate specialization school Industrial Pharmacy	10/1984	Pharmaceutical Sciences

#### A. Personal Statement

Full professor of Pharmaceutical Technology and Regulatory aspects of drug products at the Dept. of Drug Sciences, University of Pavia, I coordinate the EMJMD NANOMED. In my career, I was associate professor at the University of Catania and postdoc at the College of Pharmacy, University of Kentucky, USA.

My scientific research focuses on drug delivery and tissue engineering, encompassing design and development, through emerging manufacturing techniques such as electrospinning, microfluidics and 3Dprinting, of drug loaded liposomes, polymer nanoparticles and biodegradable polymer scaffolds as platform for soft tissue regeneration (i.e. vascular grafts and biomimetic esophagus), and their physical-chemical characterization. I collaborate with Italian and foreign academics, companies, and hospitals. I am currently involved in PNNR PE13 INF-ACT (Italian Ministry of University) and Immunohub (Italian Health Dept) projects for the delivery of anti-infective and immunomodulatory drugs.

My complete CV and editorial work can be followed at links:

<https://unipv.unifind.cineca.it/get/person/004400> )

**SCOPUS Author ID** <https://www.scopus.com/authid/detail.uri?authorId=7005621694>

#### B. Positions and Honors Positions and Employment

<i>date1- date2</i>	<i>Position</i>
1984 - 1991	<b>Assistant professor</b> SSD CHIM09 (Applied pharmaceutical chemistry and technology) at the Department of Drug Sciences of the University of Pavia, Italy.
1987 - 1988	<b>Visiting scientist</b> College of Pharmacy, University of Kentucky, Lexington, KY, USA
1992 - 1995	<b>Associate Professor</b> SSD CHIM09 (Applied pharmaceutical chemistry and technology), Department of Pharmaceutical Sciences, University of Catania, Italy
1995 - 2006	<b>Associate Professor</b> SSD CHIM09 (Applied pharmaceutical chemistry and technology), Department of Pharmaceutical Chemistry, University of Pavia, Italy
2002 - 2004	<b>Member of the Italian Ministry of Health</b> committee for the release of marketing authorization of veterinary products.
2007 - current	<b>Full professor</b> SSD CHIM09 (Applied pharmaceutical chemistry and technology) at the Department of Drug Sciences of the University of Pavia, Italy
2002 - 2016	<b>Member of committee of the PhD course</b> "Chemistry and

	Pharmaceutical Technology", Department of Drug Sciences, University of Pavia, Italy.
2004 - 2010	<b>Coordinator of II level Master Course</b> in Pharmaceutical Technology and regulatory activities, at the University of Pavia, Italy.
2009 - 2019	<b>Dean of Pharmacy and Medicinal Chemistry and Pharmaceutical Technology</b> (LM13) MSc courses of the University of Pavia.
2011 - 2016	<b>Member of scientific Committee</b> of Interuniversity Consortium TEFARCO INNOVA.
2017 - 2024	<b>Member of committee of the PhD course</b> in "Biomolecular Sciences and Biotechnology" IUSS, Pavia Italy
2017 - 2023	<b>Co-Coordinator of EMJMD Nanomed</b> (European Master Joint Master Degree Nanomedicine for Drug Delivery), University of Paris (France), Pavia (Italy), Patras (Greece), Angers (France).
2024 - current	<b>Coordinator of Nanomed</b> European Master, University of Paris (France), Pavia (Italy), Patras (Greece), Angers (France).
2025 - current	<b>Member of committee of National PhD course</b> STAT, CU3, IUSS, Pavia, Italy

## Honors

<i>date</i>	<i>honour</i>
2014 - 2016	President of Controlled Release Society Italy Chapter
2022	Best poster prize in 61st AFI Symposium, Rimini, Italy.

## Patents

<i>Application date</i>	<i>Application Number</i>
08.04.2021 (02.10.2020)	WO/2021/064673 (PCT/IB2020/059267)
2021 (4-set-2023)	102021000019256
19.07.2022 (10.10.2024)	US18/578,773

## Reviewer Experience

**Member of editorial committee of:** "Journal of Drug Delivery Sciences and Technology (JDDST)," (Elsevier Publishing). <https://www.scimagojr.com/journalsearch.php?q=22204&tip=sid>

**Member of editorial committee of:** "International Journal of Molecular Science" (MDPI Publishing) (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition). <https://www.scimagojr.com/journalsearch.php?q=25879&tip=sid>

**Member of editorial committee of:** "Recent Patents on Drug Delivery & Formulation" (Bentham Science publishing). <https://www.scimagojr.com/journalsearch.php?q=11500153306&tip=sid>

**Reviewer for:** International Journal of Pharmaceutics, Journal of Controlled Release, AAPS Pharmaceutical Science and Technology, Pharmaceutics, Material Sciences and Engineering C, Reactive and Functional Polymers, International Journal of Pharmaceutics, International Journal of Molecular Sciences (IJMS), Journal of Drug Delivery Science and Technology (JDDST).

**Guest editor of** *International Journal of Molecular Sciences* (MDPI Publishing,ISSN 1422-0067) Special Issue "Challenges, Opportunities and Innovation in Local Drug Delivery".

**Guest editor of** *Pharmaceutics* (MDPI Publishing,ISSN: 1999-4923) Special Issue "Electrospun Fibers: Advancement in Drug Delivery, Control Release, and Tissue Regeneration".

### C. Contributions to Science

<https://www.pharmatechlaw.it/home.php>

**ORCID ID** <https://orcid.org/0000-0002-0034-2815>

**SCOPUS Author ID** <https://www.scopus.com/authid/detail.uri?authorId=7005621694>

**Google Scholar:** [https://scholar.google.gr/citations?view\\_op=new\\_articles&hl=en&imgq=Conti+Bice#](https://scholar.google.gr/citations?view_op=new_articles&hl=en&imgq=Conti+Bice#)

**PubMed:** <https://pubmed.ncbi.nlm.nih.gov/?term=Conti+B>

### D. Past and Ongoing Research Support

From .... To ....	Project Title	Funding Agency	Role in the project
2020-2022	Digital Smart Fluidics (DSF)	Project Hub Regione Lombardia	Member
2021 - 2023	Grant #08053921, "3D-Hybrid Engineered Tubular Bioscaffold for Esophageal Tissue Regeneration: from in vitro to in vivo validation.	Italian Ministry of Health	Research Unit PI
2021 - 2023	Grant #08053921, Effects of hypothermic oxygenated perfusion with Hepatocyte Growth Factor loaded Extracellular Vesicles .	Italian Ministry of Health	Research Unit PI
2022 - 2026	NANOREMEDI - 101072645 - GAP-101072645 H2020 HORIZON-MSCA-2021-DN-01,	EU	Member
2022 – 2027, on going	IMMUNOHUB	Italian Ministry of Health	Member
2023 - 2026	<b>Grant # RC-2023 grant #08053922, Nano-Electro-Chemo-Immuno Therapy (NECIT) to enhance head and neck cancer treatment.</b>	Italian Ministry of Health	Research Unit PI
2024 – 2026, on going	Spring Seed Grant 2024 – XP “Evaluation of a new medical device shielding the skin of XP patients from UV-light” GSA24C004	Telethon	Member
2022 – 2026, on going	ONE HEALTH BASIC AND TRANSLATIONAL RESEARCH ACTIONS	MUR	Member

	(INF-ACT)- PE13_INFACT_PNRR -		
2025 – on going	Nano-to-heart, Horizon Europe (GA N° 101095426)	EU	Member

**E. Experience as a research supervisor**

*10 postdocs*

*15 PhD students*

*150 undergraduates*

Pavia, 01-04-2026